B.S. BIOLOGICAL SCIENCES - BIOS/BIOL.BS (CIP 26.0101)

DATE:

English Composition Placement	Mathematics Placement:		MAJOR	34 Crs	ADJUNCT	19 Crs	See your Progress report
	See Bulletin for Criteria, & LORA		Cells & Heredity - Lec		Sci II: Chem A106/A108 (Gen Che	m II &	for your requirements, options, &
Writing About Literature (any N-	for Test Scores.		A106	3	Lab)		degree-progress. See Catalog for
coded ccourse). AP, IB, CLEP,	Register MathA257		Cells & Heredity - Lab		Organic Chem I - Lec		course availability by Semester.
transfers, & dual-enrollment can fulfill each requirement. Students	Register MathA245		A107	1	Chem-A300	3	*All majors must take the ETS
with WAL credit must still satisfy	Register MathA118		Biology of Organisms - Lec		Organic Chem I - Lab		Biology field exam & participate
ENGL T122.	Register MathA110		A108	3	Chem-A310	1	in an exit interview prior to
			Biology of Organisms - Lab		Math-A260		graduation, typically during the
			A109	1	Phys-A115		Senior fall semester.
LOYOLA C	ORE - 40 Credits		Ecology & Evolution - Lec		Phys-A112	5 1	Loyola Core40 crs
FOUNDATION COURSES		Crs/Grade	A208		Phys-A116		Major34 crs
First-Year Seminar: BIOL T121, Bi	oInquiry	_3	ETS Exam/ Exit Interview (P/F)*		Phys-A113	1	Adjunct19 crs
Engl T122: Critical Reading and V	Vriting	_3	A491	0	GENERAL ELECTIVES	27 Crs	General Electives27 crs
Math A245 or A257		_3		11			Total120 crs
Sci I: <u>Chem A105/A107 (Gen Che</u>	m I / Lab)	3/1	ADVANCED BIOLOGY ELECTIVES	23 Crs			Loyola Core requirements are
		12	Course and I as /I als	Cua Cuada			governed by the catalog year that
		13	Course-code Lec/Lab	Crs Grade			a student is admitted. See Bulletin.
KNOWLEDGE-VALUE COURSES							Bulletin.
Creative Arts and Cultures		_3					
11:41		2					
Hist I		3					1
Hist II							
Phil I: Reasoning							
Phil II: Knowledge & Morality							
Rels I: Christian Traditions							
Rels II: World Religions		3					
Sci II: <u>(Fulfilled in Adjuncts)</u>		0 <u>N/A</u>					
Social Science							
Writing About Literature		3					
		27					
GPA: Must achieve 2.0 in M	ajor, Minor (if declared), and L	oyola					
	umulative.	•					
			Must complete at least 5 lab	s in Biology			
Courses used in the major cannot also be used for a minor: Non-major courses WILL be applied to minors as appropriate.			Advanced Biology Electives must higher; must total 23 crs (6 crs include BIOL A400+A401	of which may			
				,			

B.S. BIOLOGICAL SCIENCES - BIOV/BIOL.BS.ECEV: Ecology/Evolutionary Biology (CIP 26.0101) DATE:

English Composition Placement	Mathematics Placement:		MAJOR	34 Crs	ADJUNCT	19 Crs	*BIOV Advanced Elective
Take ENGL T122, then choose a	See Bulletin for Criteria, & LORA		Cells & Heredity - Lec		Sci II: Chem A106/A108 (Gen C	hem II &	Options: Select at least 3.
Writing About Literature (any N-	for Test Scores.		, A106	3	Lab)		BIOLA328
coded ccourse). AP, IB, CLEP,	Register MathA257		Cells & Heredity - Lab		Organic Chem I - Lec		BIOLA303/304
transfers, & dual-enrollment can fulfill each requirement. Students	Register MathA245		A107	1	Chem-A300_	3	BIOLA334/335
with WAL credit must still satisfy	Register MathA118		Biology of Organisms - Lec		Organic Chem I - Lab		BIOLA336
ENGL T122.	Register MathA110		A108	3	Chem-A310	1	BIOLA338/339
			Biology of Organisms - Lab		Math-A260		BIOLA345/346
	•			1	Phys-A115		BIOLA347
			A109 Ecology & Evolution - Lec		Phys-A112		BIOLA355
FOUNDATION COURSES		Crs/Grade	A208	3	Phys-A116		BIOLA356/357
First-Year Seminar: BIOL T121, Bi	olnquiry		Ecology - Lec		Phys-A113		BIOLA356/357
Engl T122: Critical Reading and W	Vriting	3	A330	3	GENERAL ELECTIVES	27 Crs	See your LORA Progress report
Math A245 or A257		3	Ecology - Lab				for your requirements, options, &
Sci I: Chem A105/A107 (Gen Che	m I / Lab)	3/1	A331	1			degree-progress. See LORA Catalog
		13	ETS Exam/ Exit Interview (P/F)**				for course availability by Semester.
KNOWLEDGE-VALUE COURSES			A491	0			**All majors must take the ETS
Creative Arts and Cultures		_3		15			Biology field exam & participate
			*Advanced Biology Electives	19 Crs			in an exit interview prior to
Hist I		_3	Course-code Lec/Lab C	rs Grade			graduation, typically during the
Hist II		_3					Senior fall semester.
Phil I: Reasoning							
Phil II: Knowledge & Morality							
Rels I: Christian Traditions							
Rels II: World Religions							
Social Science							Loyola Core40 crs
Writing About Literature		3					Major34 crs
		27					Adjunct19 crs
GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola							General Electives27 crs
CU	ımulative.						Total120 crs
			Must complete at least 5 labs in				Loyola Core requirements are
Courses used in the major cannot also be used for a minor: Non-major		*Advanced Biology Electives must be BIOLA300				governed by the catalog year that	
courses WILL be applied to minors as appropriate.		or higher; must total 19 crs (6 crs of which may include BIOL A400+A401+A402):				a student is admitted. See Bulletin	
			See required BIOV options al				& Bulletin Archives.
			See required blov options at	JUVE.	!		

B.S. BIOLOGICAL SCIENCES - BIOM/BIOL.BS.MARI: Marine Biology (CIP 26.0101) DATE:

English Composition Placement	Mathematics Placement:		MAJOR	34 Crs	ADJUNCT19 Crs	*BIOM Advanced
Take ENGL T122, then choose a	See Bulletin for Criteria, & see LORA		Cells & Heredity - Lec		Sci II: Chem A106/A108 (Gen Chem II &	Elective Options
Writing About Literature (any N-	report for Test Scores.		A106	3	Lab)3/1	Must select 2 LUMCON
coded ccourse). AP, IB, CLEP,	Register MathA257		Cells & Heredity - Lab		Organic Chem I - Lec	(or marine station) courses,
transfers, & dual-enrollment can	Register MathA245		A107	1	Chem-A300 3	and at least 1 of the following:
fulfill each requirement. Students	Register MathA118		Biology of Organisms - Lec		Organic Chem I - Lab	BIOLA334/335
with WAL credit must still satisfy				2		·
ENGL T122.	Register MathA110		A108	3	Chem-A3101	BIOLA336
			Biology of Organisms - Lab		Math-A2603	BIOLA355
LOYOLA CORE - 40 Credits			A109	1	Phys-A1153	BIOLA356/357
			Ecology & Evolution - Lec		Phys-A11211	
FOUNDATION COURSES	Crs/		A208	3	Phys-A1163	See your LORA Progress report
First-Year Seminar: BIOL T121, B	ioInquiry3_		Ecology - Lec		Phys-A11311	for your requirements, options, &
Engl T122: Critical Reading and V	Vriting3		A330	3	GENERAL ELECTIVES27 Crs	degree-progress. See Catalog for
Math A245 or A257	3		Ecology - Lab			for course availability by Semester.
Sci I: <u>Chem A105/A107 (Gen Che</u>			A331	1		**All majors must take the ETS
	13		ETS Exam/ Exit Interview (P/F)**			Biology field exam & participate
KNOWLEDGE-VALUE COURSES			A491	0		in an exit interview prior to
Creative Arts and Cultures_	3			15		graduation, typically during the
			*Advanced Biology Electives	19 Crs		Senior fall semester.
Hist I	3		Course-code Lec/Lab C	rs Grade		
Hist II	3					
	3					_
Phil II: Knowledge & Morality	3					1
Rels I: Christian Traditions	3					1
Rels II: World Religions	3					1
	<u>0</u> 0					
Social Science	3					Loyola Core40 crs
Writing About Literature	3					Major34 crs
	27					Adjunct19 crs
GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola		а				General Electives27 crs
С	umulative.					Total120 crs
			Must complete at least 5 labs in			Loyola Core requirements are
Courses used in the major cannot also be used to satisfy requirements			*Advanced Biology Electives must b	e BIOLA300		governed by the catalog year that
for a minor: Non-major courses WILL be applied to minors as			or higher; must total 19 crs (6 crs of which may			a student is admitted. See Bulletin
appropriate.			include BIOL A400+A401+A402):			& Bulletin Archives.
			See required BIOM options al	ove.		& Buildin Aldiives.

B.S. BIOLOGICAL SCIENCES - BIOT/BIOL.BS.T: Teacher Education (CIP 26.0101) Secondary Education, Grades 6-12

0	Mathematics Placement:		MAJOR		31 Crs	ADJUNCT	19 Crs	TEACHER EDUCATION	30 Crs
Take ENGL T122, then choose a	See Bulletin for Criteria + see LC	ORA for	Cells & Heredity	- Lec		Sci II: Chem A106/A108		Multicultural Education	
Writing About Literature (any N-coded ccourse). AP, IB, CLEP,	student Test Scores.		A106		3		3/1	Teac-A100 (See Loyola Core) 0 N/A
transfers, & dual-enrollment can	Register MathA257		Cells & Heredity			Organic Chem I - Lec		Adolescent Psychology	
fulfill each requirement. Students	Register MathA245		•			0		Psyc-A255	3
with WAL credit must still satisfy ENGL T122.	Register MathA118		Biology of Organ			Chem-A300	3	Reading in the Content Area	
ENGL 1122.	Register MathA110			51115 200		Organic Chem I - Lab		Teac-A310	
			Biology of Organ			organic chem r Las		The Learner with Special Ne	
LOYOLA CO	ORE - 40 Credits				1	Chem-A310_	1	Teac-A210	
FOUNDATION COURSES	Crs/0	Grade	Ecology & Evolut					Classroom Management/Or	
First-Year Seminar: BIOL T121, Bio	Inquiry	3			3	Math-A260	3	Teac-A343	-
Engl T122: Critical Reading & Writi			ETS Exam/ Exit Ir	terview (P/F)*				Secondary Methods I (Gene	ral Pedagogy)
Math A245 or A257			A491		0	Phys-A115	3	Teac-A300	3
Sci I: Chem A105/A107					11 Crs			Secondary Meth II (Field-spe	ecific Ped.)
		13	ADVANCED BIOLO	GY ELECTIVES	20 Crs	Phys-A112	1	Teac-A306	3
KNOWLEDGE-VALUE COURSES			Course-code	Lec/Lab Crs	Grade			Teaching Residency I	
Creative Arts and Cultures		_3				Phys-A116	3	Teac-A410	3
								Teaching Residency II	
Hist I		_3				Phys-A113	1	Teac-A412	6
Hist II		_3						Dyslexia	
								Teac-A312	3
Phil I: Reasoning		3						TEAC students need 2 "EN	
Phil II: Knowledge & Morality		_ 3						Check WAL+Arts of	ferings
Rels I: Christian Traditions		_ 3						See your Progress repo	rt for your
Rels II: World Religions		3						requirements, options, & de	egree-progress.
								See LORA for course a	vailability.
Sci II: (Fulfilled in Adjuncts)		0 <u>N/A</u>						GPA: Must achieve 2.0 in M	Jaior Minor (if
Social Science <u>TEACA100</u>		_ 3						declared), & Loyola Cu	•
Writing About Literature (WAL)		_ 3							
		27				Advanced Biology Elec BIOLA300 or higher; must		Loyola Core	40 crs
*All majors must take the ETS Biology field exam and participate in an exit					(6 credits of which may		Major	31 crs	
interview prior to graduation, typically during the Senior fall semester.		Must complet	e at least 5 labs ir	Biology	A400+A401+A		Adjunct	19 crs	
Courses used in the major cannot also be used to satisfy requirements for			Loyola Core requirements are governed by the catalog year that a student is admitted.		Teacher Education	30 crs			
a minor: Non-major courses WILL	be applied to minors as appr	opriate.		See Bi	ulletin & Bu	lletin Archives.		Total	120 crs

B.S. BIOLOGICAL SCIENCES - BIOC/BIOL.BS.CELL: Cell & Molecular Biology (CIP 26.0101) DATE:

English Composition Placement	Mathematics Placement:		MAJOR34 Crs	: ADILINCT 23 Crs	*BIOC Advanced Elective
Take ENGL T122, then choose a	See Bulletin for Criteria, & LORA		Cells & Heredity - Lec	Sci II: Chem A106/A108 (Gen Chem II &	Options: Select at least 3.
Writing About Literature (any N-	for Test Scores.		A1063	· ·	l '
coded ccourse). AP, IB, CLEP,				Lab)3/1	BIOLA328
transfers, & dual-enrollment can	Register MathA257		Cells & Heredity - Lab	Organic Chem I - Lec	BIOLA300/301
fulfill each requirement. Students	Register MathA245		A1071	Chem-A3003	BIOLA305/306
with WAL credit must still satisfy	Register MathA118		Biology of Organisms - Lec	Organic Chem I - Lab	BIOLA308/309
ENGL T122.	Register MathA110		A1083	Chem-A3101	BIOLA326/327
			Biology of Organisms - Lab	Organic Chem II - Lec	BIOLA347
LOYOLA C	ORE - 40 Credits		A1091	Chem-A3013	BIOLA360/361
			Ecology & Evolution - Lec	Organic Chem II - Lab	See your Progress report
FOUNDATION COURSES		Crs/Grade	A20833	Chem-A31111	for your requirements, options, &
First-Year Seminar: BIOL T121, B	ioInquiry	3	ETS Exam/ Exit Interview (P/F)**	Math-A2603	degree-progress. See Catalog for
Engl T122: Critical Reading and V			A4910	Phys-A1153	course availability by Semester.
Math A245 or A257		_3	11	Phys-A11211	**All majors must take the ETS
Sci I: <u>Chem A105/A107 (Gen Che</u>	em I / Lab)	3/1	*Advanced Biology Electives23 Crs	Phys-A1163	Biology field exam & participate
		13	Course-code Lec/Lab Crs Grade	Phys-A1131_	in an exit interview prior to
KNOWLEDGE-VALUE COURSES				GENERAL ELECTIVES23 Crs	graduation, typically during the
Creative Arts and Cultures		3			Senior fall semester.
Hist I		3			
Hist II		_3]
Phil I: Reasoning		3			_
Phil II: Knowledge & Morality		3			_
Rels I: Christian Traditions		3			_
Rels II: World Religions		3]
Sci II: <u>(Fulfilled in Adjuncts)</u>		0 <u>N/A</u>			
Social Science		3			Loyola Core40 crs
Writing About Literature		3			Major34 crs
		27			Adjunct23 crs
GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola				General Electives23 crs	
C	umulative.				Total120 crs
			Must complete at least 5 labs in Biology		Laviala Cara ra vivi vivi vivi
Courses used in the major cannot also be used to satisfy requirements		*Advanced Biology Electives must be BIOLA300		Loyola Core requirements are	
for a minor: Non-major courses WILL be applied to minors as		or higher; must total 23 crs (6 crs of which may		 governed by the catalog year that a student is admitted. See Bulletin 	
appropriate.		include BIOL A400+A401+A402):		a student is admitted. See Bulletin & Bulletin Archives.	
			See required BIOC options above.		& Bulletin Archives.

B.S. BIOLOGICAL SCIENCES - BIOP/BIOL.BS.HEAL: Pre-Health Biology (CIP 26.0101) DATE:

IVAIVIE.	D.5. DIGEO	GICAL 5	CIENCES - DIOP/DIOL.DS.NEAL. PIE-N	culti biology (cli zolozoz) DATE.	_
	Mathematics Placement:		MAJOR34 Crs	ADJUNCT23 Crs	*BIOP Advanced Elective
	See Bulletin for Criteria, & see LO	RA	Cells & Heredity - Lec	Sci II: Chem A106/A108 (Gen Chem II &	Options: Select at least 3.
Writing About Literature (any N-	for Test Scores.		A1063	Lab)3/1	BIOLA300/301
coded ccourse). AP, IB, CLEP, transfers, & dual-enrollment can	Register MathA257		Cells & Heredity - Lab	Organic Chem I - Lec	BIOLA303/304
fulfill each requirement. Students	Register MathA245		A1071	Chem-A3003	BIOLA305/306
with WAL credit must still satisfy	Register MathA118		Biology of Organisms - Lec	Organic Chem I - Lab	BIOLA308/309
ENGL T122.	Register MathA110		A1083	Chem-A3101	BIOLA314/A315
			Biology of Organisms - Lab	Organic Chem II - Lec	BIOLA316/A317
LOVOLACI	ODE 40 Credite		A1091	Chem-A3013	BIOL A326/327
LOYOLA CO	ORE - 40 Credits		Ecology & Evolution - Lec	Organic Chem II - Lab	BIOLA328
FOUNDATION COURSES		Crs/Grade	A2083	Chem-A31111	BIOLA347
First-Year Seminar: BIOL T121, Bio	olnquiry	_3	Biochemistry: Biol-A405, Chem-A375, or	Math-A2603	BIOLA360/361
Engl T122: Critical Reading and W	/riting	_3	Chem-A4003	Phys-A1153	BIOLA365
Math A245 or A257		_3	ETS Exam/ Exit Interview (P/F)**	Phys-A1121	
Sci I: Chem A105/A107 (Gen Cher	m I / Lab)	3/1	A4910	Phys-A1163	
		13	14	Phys-A1131	
KNOWLEDGE-VALUE COURSES			*Advanced Biology Electives20 Crs	GENERAL ELECTIVES23 Crs	See your Progress report
Creative Arts and Cultures		_3	Course-code Lec/Lab Crs Grade		for your requirements, options, &
					degree-progress. See Catalog for
Hist I		_3			course availability by Semester.
Hist II		_3			**All majors must take the ETS
					Biology field exam & participate
Phil I: Reasoning		3			in an exit interview prior to
Phil II: Knowledge & Morality					graduation, typically during the
Rels I: Christian Traditions		3			Senior fall semester.
Rels II: World Religions		3			
Sci II: <u>(Fulfilled in Adjuncts)</u>		0 <u>N/A</u>			
Social Science		3			Loyola Core40 crs
Writing About Literature		3			Major34 crs
		27			Adjunct23 crs
GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola				General Electives23 crs	
cu	ımulative.				Total120 crs
			Must complete at least 5 labs in Biology		Loyola Core requirements are
Courses used in the major cannot also be used to satisfy requirements		*Advanced Biology Electives must be BIOLA300		governed by the catalog year that	
for a minor: Non-major courses WILL be applied to minors as		or higher; must total 20 crs (6 crs of which may		a student is admitted. See Bulletin	
арі	propriate.		include BIOL A400+A401+A402):		& Bulletin Archives.
			See required BIOP options above.		

MINOR TRACKING SHEET

Courses used in the Major cannot be used to satisfy courses in the Minor. Plan to take the below classes as part of (or in addition to) your General Elective allowance, because GE courses can be used in both

Biology (BIOS)	21 cr
Cells & Heredity	
A106 (Lec)	3
A107 (Lab)	1
Biology of Organisms	
A108 (Lec)	3
A109 (Lab)	1
Ecology & Evolution	
A208	3
Biol Elect*	
	3
Biol Elect*	
	3
Biol Elect*	
	4
*These courses must be non-common	

*These courses must be non-common curriculum, they should be at the BIOL A3XX-BIOL A4XX level, or they are to be selected with the approval of the Biology advisor.

2.0 GPA required

Advisor: Department Chair 2024-25